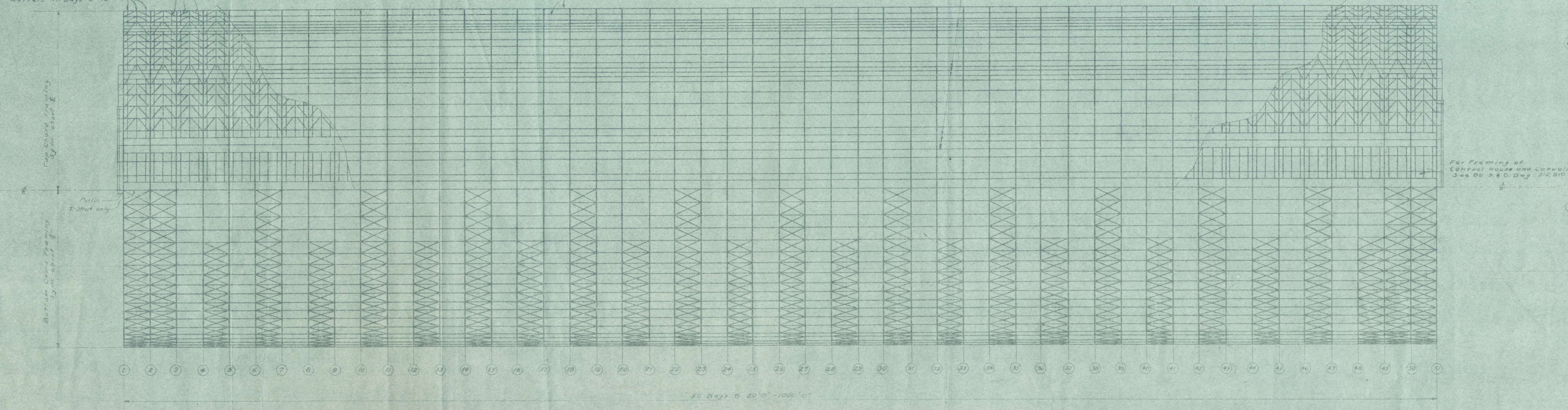
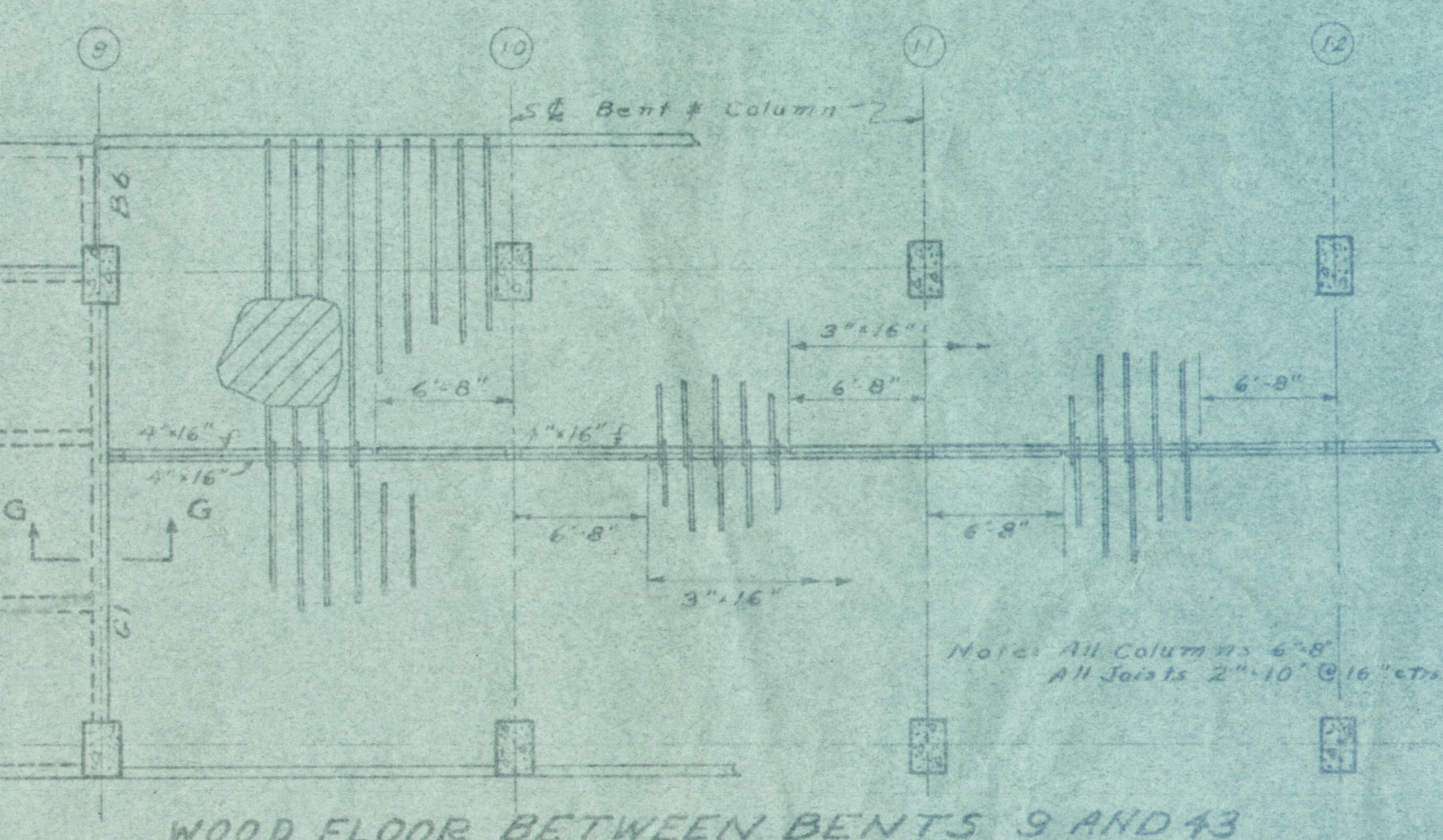

Rafters - All Bays - 3"x12"
Ties - All Bays - 1"x6" Rough
Purlins - All Bays - 3"x12" - Except as Noted
Purlins - All Bays - 3"x14"
For Framing of
Control House and Catwalk
See Bu. Y. & D. Dwg. 212,810
50 Bays @ 20'-0" = 1000'-0"

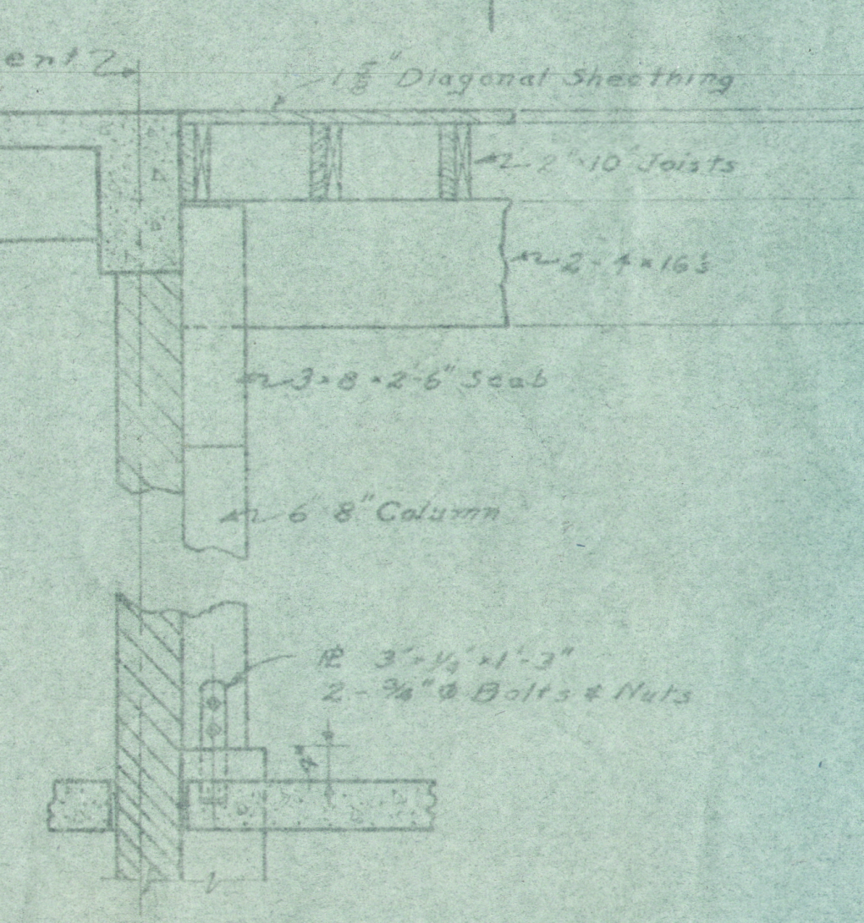
ROOF FRAMING PLAN

Scale 1/16" = 1'-0"



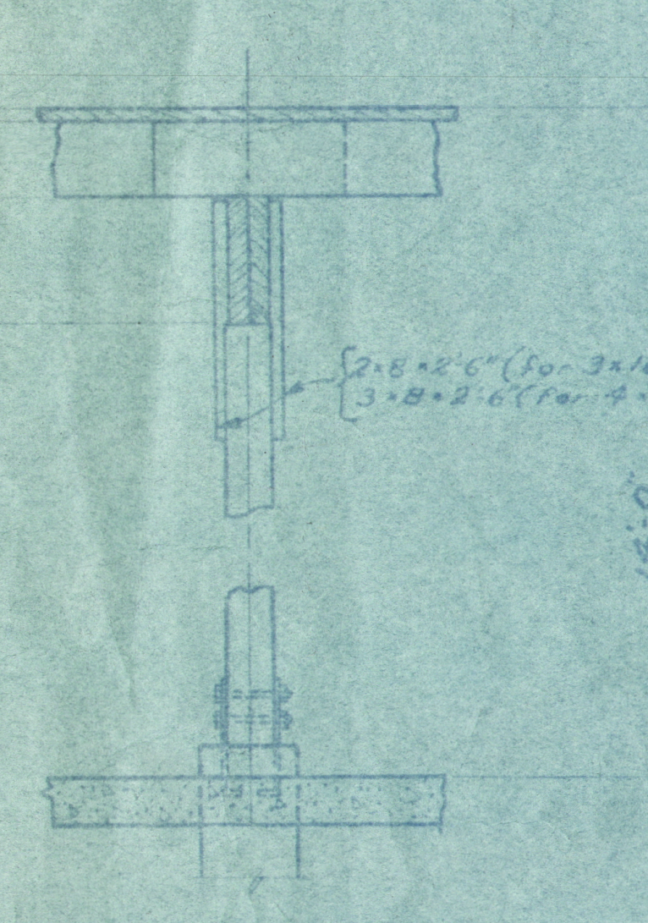
WOOD FLOOR BETWEEN BENTS 9 AND 43

Scale 1/8" = 1'-0"


H
℄ Bent 2
1 5/8" Diagonal Sheathing
2-2"x10 Joists
2-4x16's
3x8x2'-6" Scab
6"x8" Column
PL 3"x1/2"x1'-3"
2-3/4"ϕ Bolts & Nuts

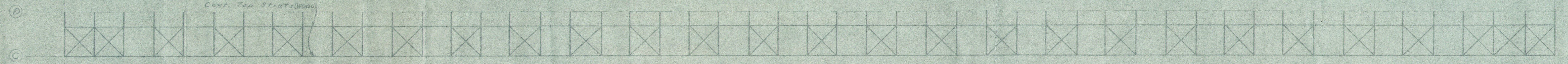
SECTION G-G

Scale 1/2" = 1'-0"

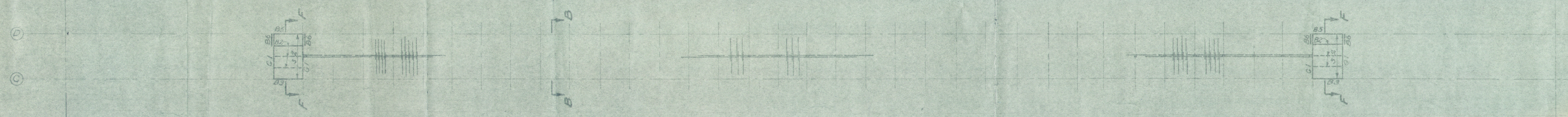

2x8x2'-6" (for 3x16's)
3x8x2'-6" (for 4x16's)
14'-0"

SECTION H-H

Scale 1/2" = 1'-0"

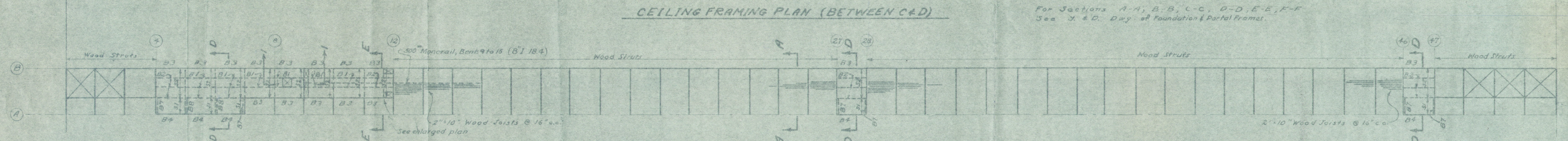

D
C
Cont. Top Strut (Wood)

PLAN OF HORIZONTAL BRACING AT TOP OF BENTS



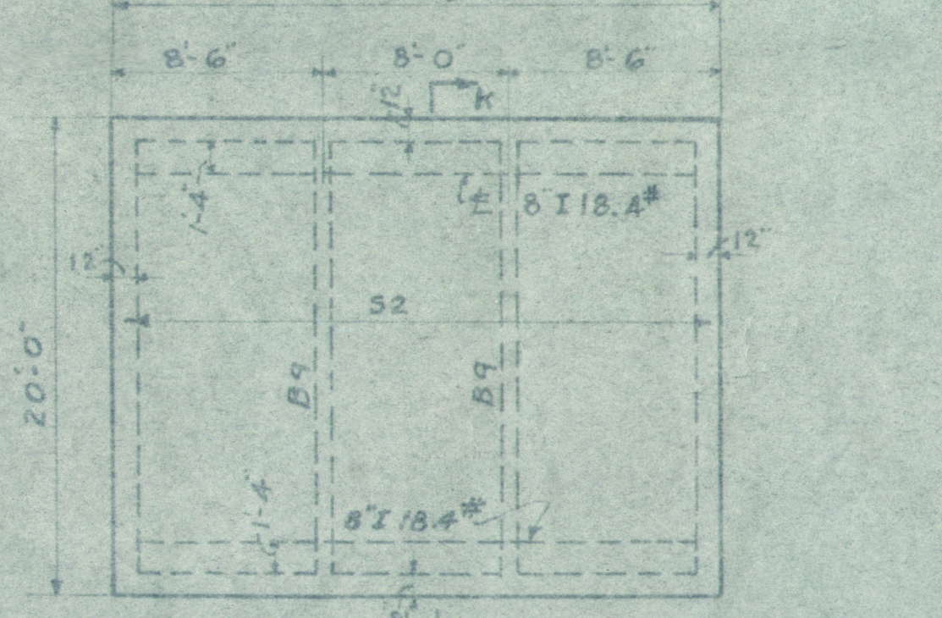
CEILING FRAMING PLAN (BETWEEN C&D)

For Sections A-A, B-B, C-C, D-D, E-E, F-F
See Y. & D. Dwg. of Foundation & Portal Frames.


Wood Struts
500# Monorail, Bent 9 to 15 (8" I 18.4)
B1
B2
B3
B4
B7
B8
S1
S2
2"x10" Wood Joists @ 16" o.c.
See enlarged plan
A
D
E
1

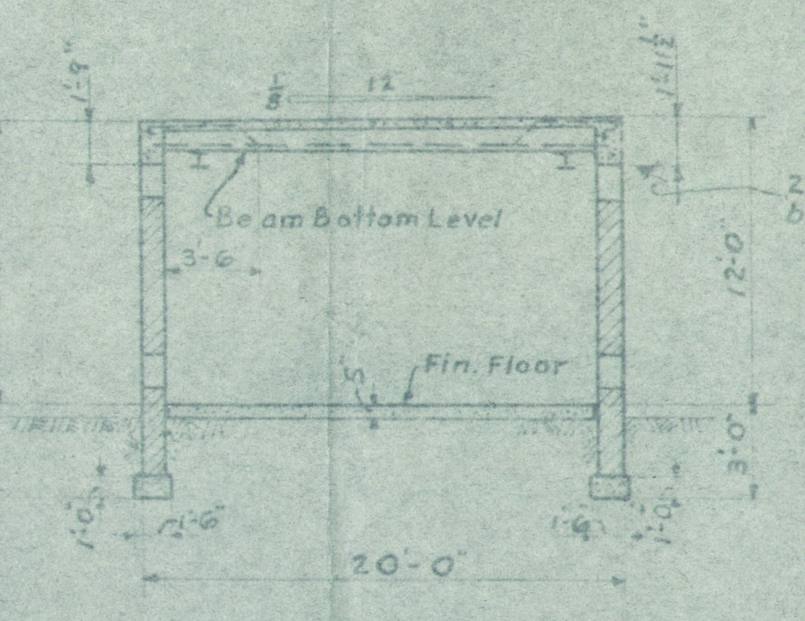
CEILING FRAMING PLAN (BETWEEN A&B)

BEAM AND GIRDER SCHEDULE							
Mark	Size		Steel		Stirrups		Remarks
	b	d	Straight	Bent	Size	Spacing Ea. End	
B1	8"	16"	1-3/4"ϕ	1-7/8ϕ	3/8" U	2", 3 @ 12"	
B2	8"	16"	1-1"ϕ	1-1"ϕ	3/8" U	2", 3 @ 12"	
B3	8"	16"	2-5/8"ϕ		3/8 □	18" o.c.	2-5/8"ϕ top, cont.
B4	8"	16"	1-7/8"ϕ	1-7/8"ϕ			
B5	8"	16"	1-3/4"ϕ	1-5/8"ϕ			
B6	8"	16"	2-1/2"ϕ				2-3/4"ϕ top see sect. F-F
B7	12"	22"	2-1/2"ϕ				3-7/8"ϕ top See Sect. D-D
B8	14"	26"	2-1/2"ϕ				3-1"ϕ top do
B9	8"	18/20 1/2	1-1"ϕ	1-1"ϕ	3/8 U	2, 2 @ 12"	
B10	6"	8"	1-1/2"ϕ	1-1/2"ϕ			
B11	4	8	1-3/8"ϕ	1-3/8"ϕ			
G1	10"	22"	2-1"ϕ	1-1"ϕ	3/8" U	2", 4 @ 14"	See Sect. F-F 2-7/8"ϕ top (ends)


25'-0"
8'-6"
8'-0"
8'-6"
20'-0"
12"
1'-4"
52
B9
8" I 18.4#
K

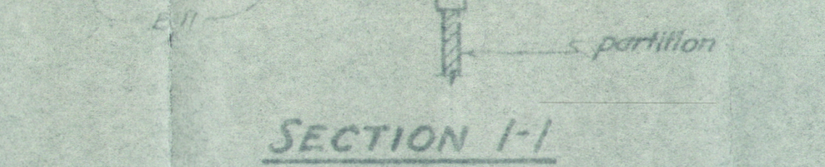
PAINT & DOPE STORAGE BLDG.
ROOF PLAN

Scale: 1/8" = 1'-0"


Beam Bottom Level
2-1/2"ϕ Cont. at bott. of Beam.
Fin. Floor
3'-6"
12'-0"
3'-0"
20'-0"
1'-6"

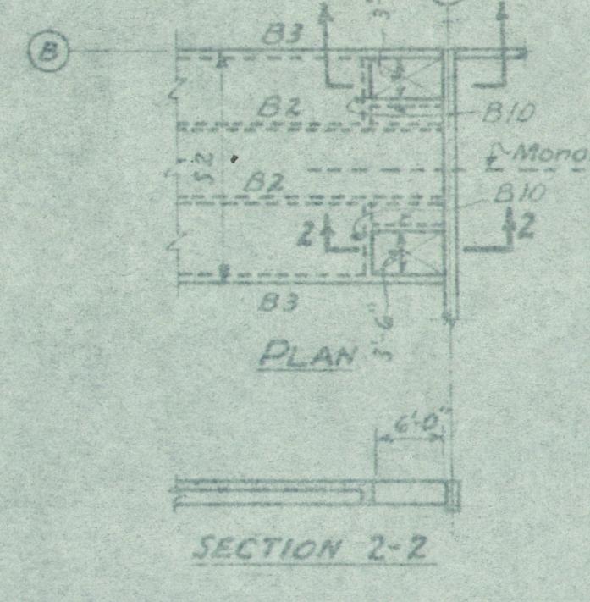
SECTION K-K

Scale: 1/8" = 1'-0"


9
6'-8"
8'-6"
2'-6"
partition

SECTION 1-1

Scale: 1/8" = 1'-0"

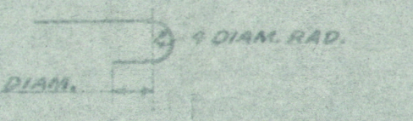

B
12
2
B3
B2
B10
℄ Monorail
6'-0"
PLAN
SECTION 2-2

PLAN AT BENT 12

Scale: 1/16" = 1'-0"

NOTE

SLABS:
For interior spans, bend up alternate rods at 1/4 point and carry to 1/4 point of adjacent span.
For end spans, bend up alternate rods at 1/5 point at end support.
Hook rods at end supports.
BEAMS:
Bend rods at 1/4 point and carry to .3 point of adjacent span.
For end span, bend at 1/5 point at end support unless noted.
TYPICAL HOOK:


4 DIAM. RAD.
4 DIAM.

SLAB SCHEDULE			
Mark	Thickness	Steel	Remarks
S1	4"	3/8" @ 6" ctrs.	Extend Bent rods 4'-6" into S2
S2	3 1/2"	3/8" @ 8" ctrs.	

Revision	Date	Brief	By

APPROVED BY BUREAU OF AERONAUTICS

DATE ....

Prepared by: A.B. G.H.K.
Traced by: D.H.S.
Checked by: E.E.M. A.B.
Supervisor: L.F.B.
Group Chief ....
Chief Dfmn: ....
Des. Engr. ....
Proj. Mgrs. ....
Design Mgr. ....
Sheet .... of .... accompanying contract.
Noy ....

NAVY DEPARTMENT
BUREAU OF YARDS & DOCKS

STANDARD
LIGHTER-THAN-AIR HANGAR
FRAMING PLANS

Approved 1942

79-34-72

For Chief of Bureau

Y. & D. Drawing No.
212816

Scale: As Shown

MOFFETT FIELD, CALIF.	SO. WEYMOUTH, MASS.	ELIZABETH CITY, N.C.	LAKEHURST, N.J.	RICHMOND, FLA.	SANTA ANA, CALIF.	TILLAMOOK, ORE.
Sheet .... of .... accompanying contract	Sheet .... of .... accompanying contract	Sheet .... of .... accompanying contract	Sheet .... of .... accompanying contract	Sheet .... of .... accompanying contract	Sheet .... of .... accompanying contract	Sheet .... of .... accompanying contract
Noy. 5604	Noy. 4962	Noy. 4956	Noy. 4833	Noy. 5460	Noy. 5421	Noy. 5424

29-705-4629